

Fig. 1 Sketch of shielding disk in plasma reactor.

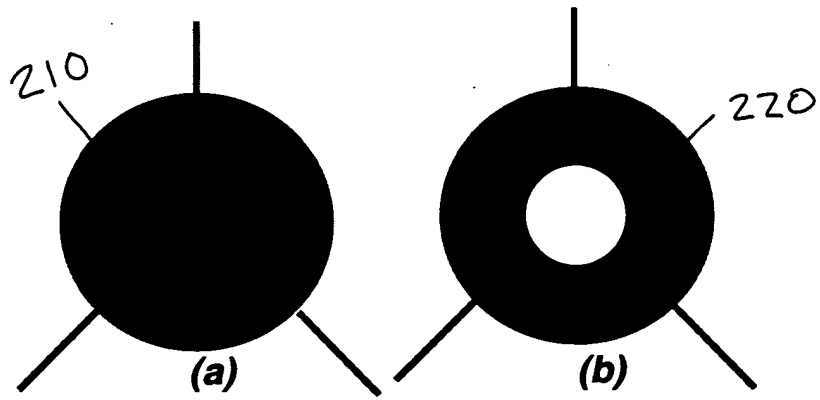


Fig. 2

1. The plasma density is calculated from the measured data using the following equation:

$$n_p = \frac{1}{4\pi e} \frac{dI}{dr} \quad (1)$$
 where n_p is the plasma density, I is the current, r is the radius, and dI/dr is the derivative of the current with respect to the radius.

Plasma Density [$\#/cm^3$]

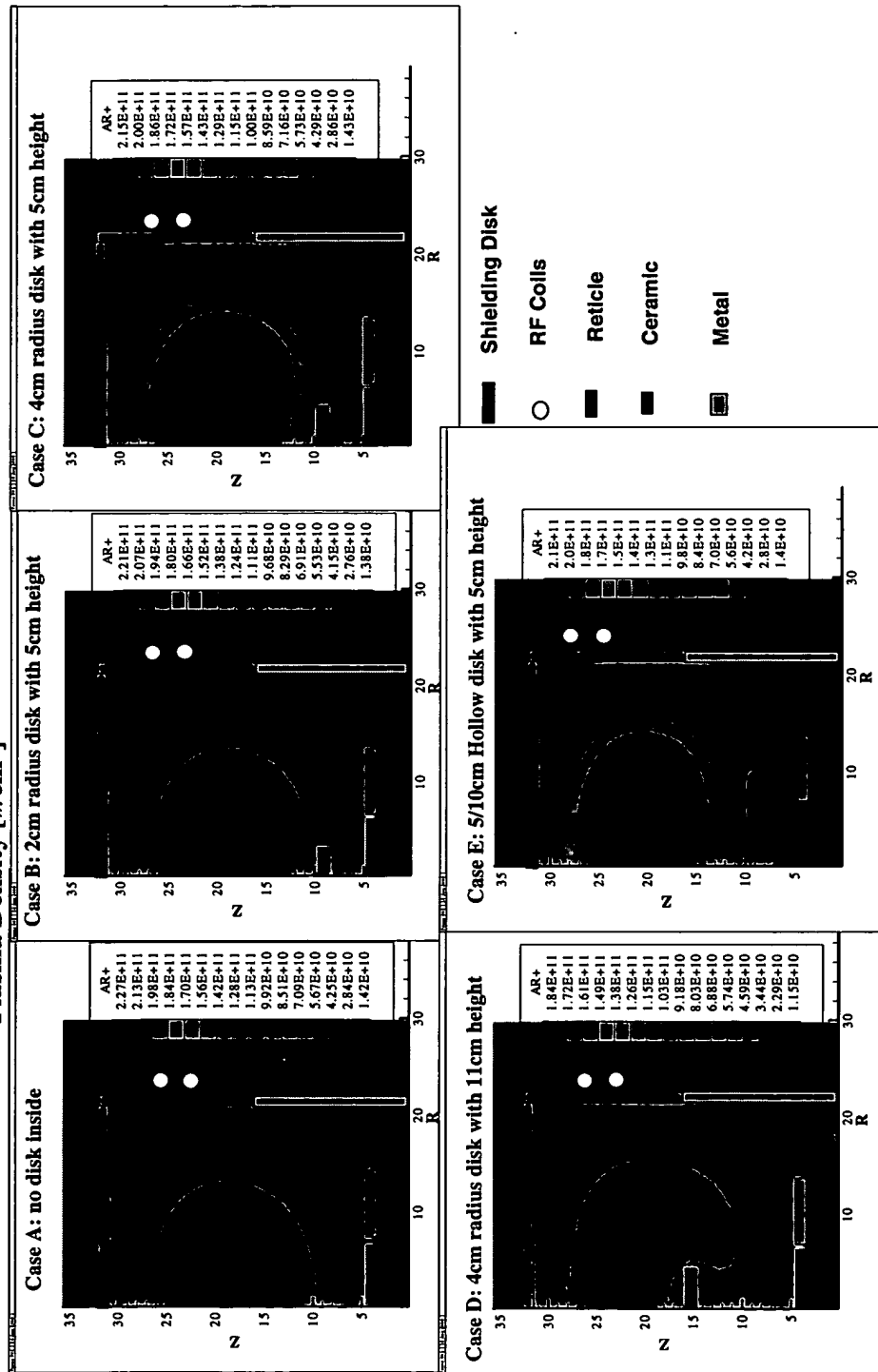


Fig.3

In Flux to R ticl

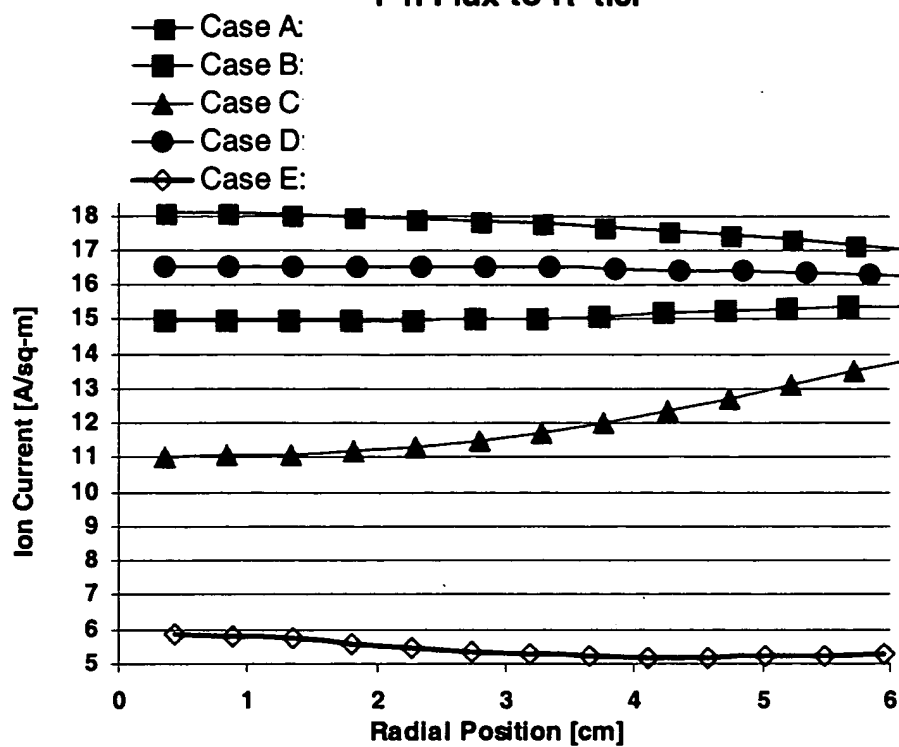


Fig.4

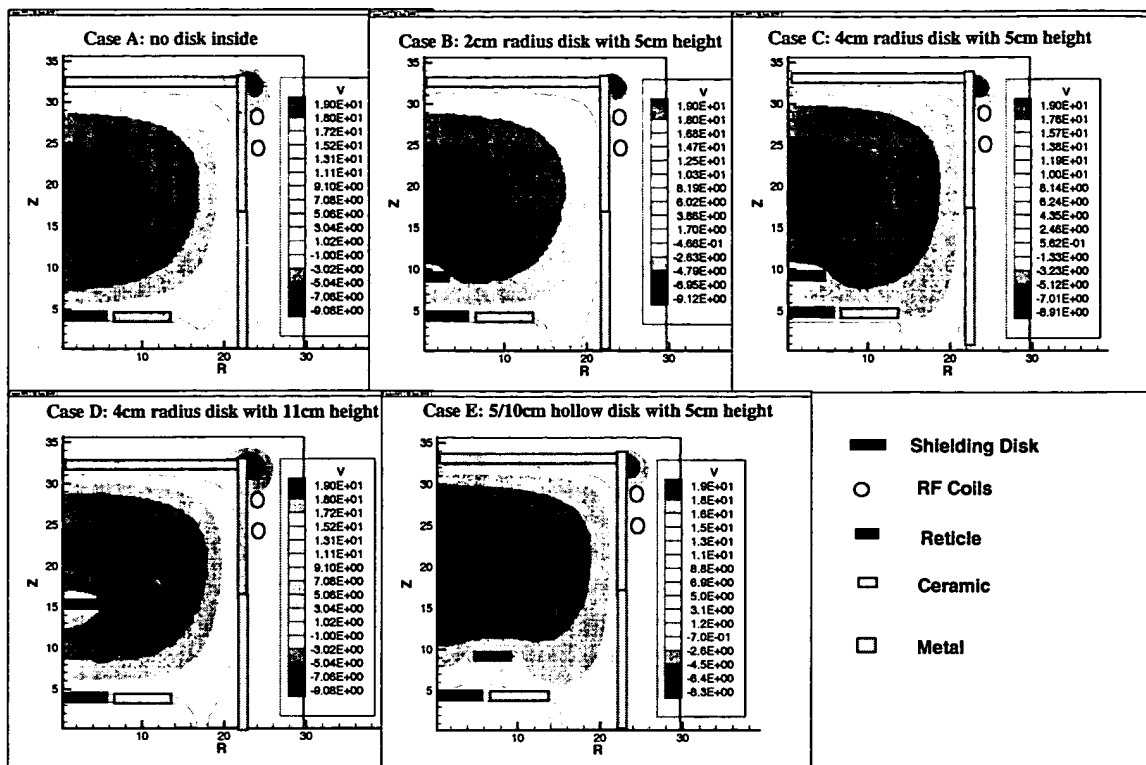
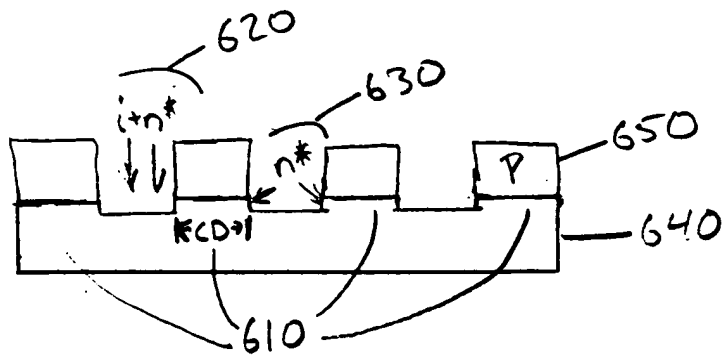


Fig.5

Fig 6



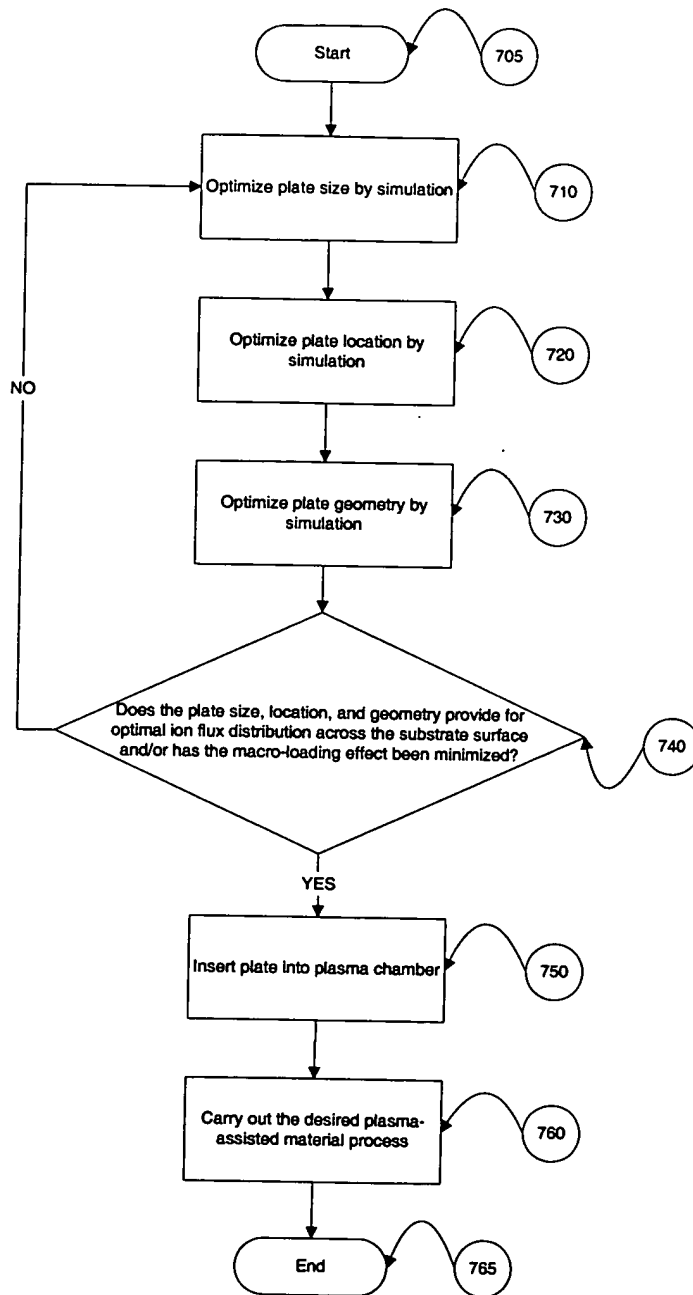


FIGURE 7

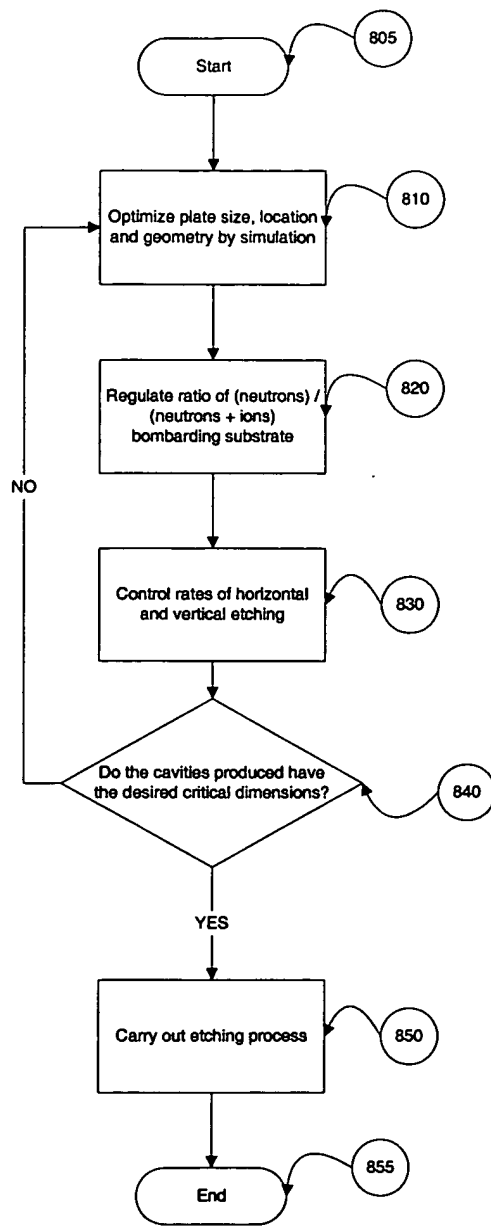


FIGURE 8